

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
28 April 2005 (28.04.2005)

PCT

(10) International Publication Number  
**WO 2005/037424 A1**

(51) International Patent Classification<sup>7</sup>: **B01J 19/00**

(21) International Application Number:  
PCT/EP2004/052421

(22) International Filing Date: 4 October 2004 (04.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
1688/03 6 October 2003 (06.10.2003) CH

(71) Applicant (for all designated States except US): Solvias  
AG [CH/CH]; Klybeckstrasse 191, CH-4057 Basel (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BLATTER,**  
Fritz [CH/CH]; Oerinstrasse 67, CH-4153 Reinach  
(CH). **SZELAGIEWICZ, Martin** [CH/CH]; Christoph  
Merian-Strasse 1, CH-4142 Münchenstein (CH). **VON**  
**RAUMER, Markus** [CH/CH]; In der Schappe 125,  
CH-4144 Arlesheim (CH).

(74) Agent: **MAUÉ, Paul Georg**; Solvias AG. Patents. WKL-  
402.3.04. Klybeckstrasse 191, CH-4002 Basel (CH).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE. AG. AL. AM.  
AT. AU. AZ. BA. BB. BG. BR. BW. BY. BZ. CA. CH. CN.  
CO. CR. CU. CZ. DE. DK. DM. DZ. EC. EE. EG. ES. FI.  
GB. GD. GE. GH. GM. HR. HU. ID. IL. IN. IS. JP. KE.  
KG. KP. KR. KZ. LC. LK. LR. LS. LT. LU. LV. MA. MD.  
MG. MK. MN. MW. MX. MY. NA. NI. NO. NZ. OM. PG.  
PH. PL. PT. RO. RU. SC. SD. SE. SG. SK. SL. SY. TJ. TM.  
TN. TR. TT. TZ. UA. UG. US. UZ. VC. VN. YU. ZA. ZM.  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW. GH.  
GM. KE. LS. MW. MZ. NA. SD. SL. SZ. TZ. UG. ZM.  
ZW). Eurasian (AM. AZ. BY. KG. KZ. MD. RU. TJ. TM).  
European (AT. BE. BG. CH. CY. CZ. DE. DK. EE. ES. FI.  
FR. GB. GR. HU. IE. IT. LU. MC. NL. PL. PT. RO. SE. SI.  
SK. TR). OAPI (BF. BJ. CF. CG. CI. CM. GA. GN. GQ.  
GW. ML. MR. NE. SN. TD. TG).

**Published:**

- with international search report
- before the expiration of the time limit for amending the  
claims and to be republished in the event of receipt of  
amendments

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR THE PARALLEL DETECTION OF CRYSTALLINE FORMS OF MOLECULAR SOLIDS

(57) Abstract: A process for the detection of polymorphic or pseudopolymorphic forms of solid, molecular and crystallizing com-  
pounds, or of molecular, cocrystalline compounds or of solid solutions which consist of at least two solid, molecular and crystallizing  
compounds, in a series investigation using an apparatus for parallel investigations in vessels of an array under different conditions in  
each vessel, in which substantially only the amorphous form of the crystallizing compound, a solvate of the crystallizing compound  
or substantially only the amorphous form or a solvate of a compound in a mixture of at least two compounds is used as a suspension  
or solution, the solutions of amorphous compound having, at the same temperature, a higher content of crystallizable compounds  
than is achievable with a corresponding crystalline compound.

WO 2005/037424 A1